

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-29 (canceled)

30. (Currently Amended): An ex vivo culture of an isolated culture population of multipotent, progenitor or precursor human and murine brain stem cells containing a sub-population of cells that are immunonegative for glial fibrillary protein, nestin and TuJ1 when cultured under conditions that prevent or reduce cell-cell and cell-substrate interactions,

wherein the brain stem cells are from a mammal selected from the group consisting of human and mouse appear as phase-bright very dense bodies and exhibit areas of very small punctate staining interspersed with regions that lack staining when counter-stained with propidium iodide; and,

wherein the culture comprises Type II and Type III clones, that positively display markers for glial fibrillary acidic protein, nestin and TuJ1.

31. (Currently Amended): The isolated brain stem cells ex vivo culture of claim 30, wherein the cells are from a human and the cells are made according to a method comprising the step of culturing a dissociated human brain cell under conditions that inhibit cell-cell and cell-substrate interactions.

32. (Currently Amended): The isolated brain stem cells ex vivo culture of claim 31, wherein the step of culturing the dissociated human brain cell comprises culturing the dissociated human brain cell on a non-adhesive substrate in suspension culture supplemented with fetal bovine serum and methyl cellulose.

33. (Canceled).

34. (Canceled).

35. (Currently Amended): The ~~isolated-brain-stem-cells~~ ex vivo culture of claim 30
[[33]], wherein the multipotent brain stem cells are ~~cell-is-a~~ murine mouse cells.

36. (Currently Amended): The ~~isolated-brain-stem-cells~~ ex vivo culture of claim 30,
wherein the multipotent brain stem cells are ~~cell-is~~ obtained from a post-mortem animal-subject
mammal selected from the group consisting of: human and mouse.

37. (Currently Amended): The ex vivo culture ~~isolated-brain-stem-cells~~ of claim 30,
wherein the multipotent brain stem cells are cultured ~~ex-vivo~~-in medium comprising insulin,
putrescine, progesterone, selenite, pituitary extract, transferrin, serum, growth factors, and at
least one contact-limiting factor[[s]]; ~~wherein-said-cultured-cells-are-introduced-into-a-tissue-in-an~~
~~animal-subject~~.

38. (Canceled).

39. (Canceled).